

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/11093A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B66B5/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 058 710 A (IWASA MASAO) 22 October 1991 (1991-10-22) column 3, line 1 - line 46; figure 1 -----	1-10
X	US 4 316 097 A (REYNOLDS WILLIAM R) 16 February 1982 (1982-02-16) column 2, line 56 - column 3, line 66; figure 1 -----	1-10
X	US 6 196 355 B1 (SCHROEDER-BRUMLOOP HELMUT ET AL) 6 March 2001 (2001-03-06) cited in the application abstract; figure 1 -----	1,4-10
X	US 4 376 471 A (UCHINO HIDEO ET AL) 15 March 1983 (1983-03-15) cited in the application abstract; figure 2 -----	1,4-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

16 June 2004

Date of mailing of the international search report

24/06/2004

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## INTERNATIONAL SEARCH REPORT

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PCI/EP 03/11093

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